



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Mary E. Couwenhoven, et al

METHOD FOR RENDERING
DIGITAL RADIOGRAPHIC
IMAGES FOR DISPLAY BASED
ON INDEPENDENT CONTROL OF
FUNDAMENTAL IMAGE
QUALITY PARAMETERS
Serial No. 10/625,964

Filed 24 July 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FOR
CONSIDERATION BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☐ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed.

Group Art Unit: 2621

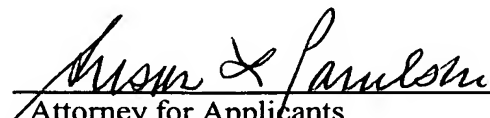
Examiner:

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Laurie A. Wurtz
LAURIE A. WURTZ
October 18, 2004
Date

- III. ☒ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):
- ☒ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
- ☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.
- IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):
- ☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
- ☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



Attorney for Applicants
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Enclosures

If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.



FORM PTO-1149

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Any. Docket No.

86621SLP

Customer No. 01333

Serial No.

10/625,964

If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee

Applicant:

Mary E. Couwenhoven, et al

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Filing Date

24 July 2003

Group

2621

U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,424,730	07-23-2002	Wang et al.			11-03-1998
	6,480,300	11-12-2002	Aoyama			04-08-1999
	2003/0112374	06-19-2003	Wang et al.			01-31-2003

FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Richard Van Metter et al., Enhanced latitude for digital projection radiography, SPIE, San Diego, CA, February 1999, Vol. 3658, pgs. 468-483
	R.F. Bessler et al., Contrast Enhancement Using Burt Pyramid Processing, SID 86 Digest, 1986, pgs. 352-353, 19.3
	A. Polesel et al., Adaptive Unsharp Masking For Contrast Enhancement, 1997 IEEE, Pgs. 267-270
	Martin Stahl et al., Digital radiography enhancement by nonlinear multiscale processing, Med. Phys. 27 (1), January 2000, pgs. 56-65
	Mary Couwenhoven et al., Enhancement method that provides direct and independent control of fundamental attributes of image quality for radiographic imagery, Medical Imaging 2004-SPIE Vol. 5367, pgs. 474-481

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.